

Title (en)

SYSTEMS AND METHODS FOR EMBEDDING DATA IN MEDIA CONTENT

Title (de)

SYSTEME UND VERFAHREN ZUM EINBETTEN VON DATEN IN MEDIENINHALT

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR INTÉGRER DES DONNÉES DANS UN CONTENU MULTIMÉDIA

Publication

**EP 3799045 A1 20210331 (EN)**

Application

**EP 20191908 A 20200820**

Priority

US 201916588470 A 20190930

Abstract (en)

An electronic device determines a first audio event (406) of a first media content item and modifies the first media content item by superimposing a first set of data (408) over the first audio event. The first audio event has a first audio profile configured to be presented over a first channel (402; 404) for playback. The first set of data has a second audio profile configured to be presented over the first channel for playback. Playback of the second audio profile is configured to be masked by the first audio profile during playback of the first media content item. The electronic device transmits, to a second electronic device, the modified first media content item.

IPC 8 full level

**G10L 19/018** (2013.01); **G10H 1/00** (2006.01); **G10H 1/36** (2006.01); **G10H 1/40** (2006.01)

CPC (source: EP US)

**G06F 16/685** (2018.12 - US); **G10H 1/26** (2013.01 - US); **G10H 1/40** (2013.01 - EP); **G10H 1/46** (2013.01 - EP); **G10L 19/018** (2013.01 - EP); **H04S 1/007** (2013.01 - US); **G10H 2210/076** (2013.01 - EP); **G10H 2240/075** (2013.01 - EP); **G10H 2250/311** (2013.01 - EP)

Citation (search report)

- [X1] US 2011174137 A1 20110721 - OKUYAMA FUKUTARO [JP], et al
- [X1] WO 2009107054 A1 20090903 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [XY] CN 101996633 B 20131211 - FUJITSU LTD
- [A] US 2003172277 A1 20030911 - SUZUKI YOITI [JP], et al
- [Y] US 9454343 B1 20160927 - BLESSER BARRY [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 10777177 B1 20200915**; EP 3799045 A1 20210331; EP 3799045 B1 20240710; US 11545122 B2 20230103; US 2021097966 A1 20210401; US 2023186883 A1 20230615

DOCDB simple family (application)

**US 201916588470 A 20190930**; EP 20191908 A 20200820; US 202016989644 A 20200810; US 202218064770 A 20221212